

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

**Jay SKEEN**

Serial No.: To be assigned

Filed: To be assigned

For: **PIPETTE TIP HAVING PLURAL CHANNELS AND A TITRATION KIT  
THEREFOR**

January 15, 2002

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Prior to calculation of the filing fee or examination, please amend the above application as follows:

**IN THE SPECIFICATION:**

Page 1, before line 8, insert the following:

-- CROSS-REFERENCE TO RELATED APPLICATION

This application is a continuation of co-pending U.S. Patent Application Serial No. 09/385,519, filed April 30, 1999.--

Page 2, line 15, change "operated" to --operate-- and change "precise" to --precisely--.

line 16, change "calibration" to --calibrated--.

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (Amended)      A plural pipette tip which comprises:  
                          a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of spaced, approximately parallel, legs extending away from said tubular body, said plurality of legs not being sealed by a membrane and used to avoid mixing of contents on individual legs;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end; and

all of said open distal ends fit within a single supply well and each of said plurality of legs fits within a separate micro titration well in a micro titration place.

Cancel claims 5 to 13 without prejudice.

Add the following claims:

14. (New) The pipette tip of Claim 1, wherein the first end of the tubular body has an adapter capable of adapting to fit pipettes of different sizes.

15. (New) The pipette tip of Claim 1, wherein each channel has a tip and a membrane or filter barrier is placed at the top of each channel to prevent cross-contamination from one channel to another.

16. (New) The pipette tip of Claim 1, wherein each channel has an oval-shaped tip.

17. (New) A plural channel pipette tip and storage rack system which comprises:

a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of spaced legs extending away from said tubular body;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end;

a rack having openings for storing a plurality of said pipette tips prior to use; and

cooperating alignment means on said tubular body first end and at said storage rack openings to assure that each pipette tip will mount on each pipette in a predetermined alignment,

wherein each channel has an individual sleeve to prevent orbital rotation of each pipette tip.

18. (New) A plural channel pipette tip which comprises:

a tubular body having a first end for mounting on a single pipette and a second end, said second end having a plurality of spaced, approximately parallel, legs extending away from said tubular body; and

a channel extending through each leg having a proximal end in communication with said tubular body and an opening distal end,

wherein all of said open distal ends fit within a single supply well and each of said plurality of legs fits within a separate micro titration well in a micro titration place.

19. (New) The pipette tip of Claim 1, wherein said legs are not sealed by a membrane.

20. (New) The pipette of Claim 1, wherein the plurality of legs avoid mixing the contents of individual legs.

**Version of Amended Claims with Markings to Show Changes Made**  
**(Submission to accompany Preliminary, dated January 15, 2002)**

1. (Amended) A plural pipette tip which comprises:

a tubular body for mounting on a single pipette at a first end;

a second end of said tubular body having a plurality of spaced, approximately parallel, legs extending away from said tubular body, said plurality of legs not being sealed by a membrane and used to avoid mixing of contents on individual legs;

a channel extending through each leg having a proximal end in communication with said tubular body and an open distal end; and

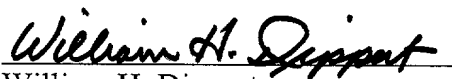
[said plurality of legs sized to permit] all of said open distal ends [to] fit within a single supply well and [to permit] each [leg to fit] of said plurality of legs fits within a separate micro titration well in a micro titration place.

REMARKS

The amendments above are intended to more particularly point out and distinctly claim subject matter not allowed in the parent application.

Reconsideration and allowance of all the claims herein is respectfully requested.

Respectfully submitted,



William H. Dippert

Reg. No. 26,723

COWAN, LIEBOWITZ & LATMAN, P.C.  
1133 Avenue of the Americas - 35th Floor  
New York, New York 10036  
(212) 790-9200